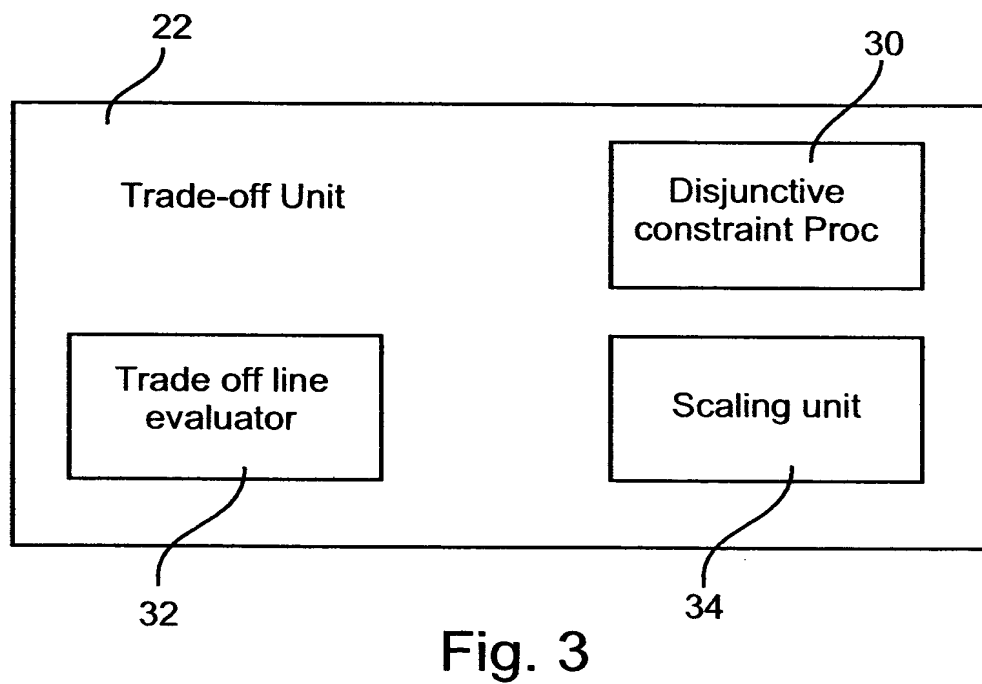
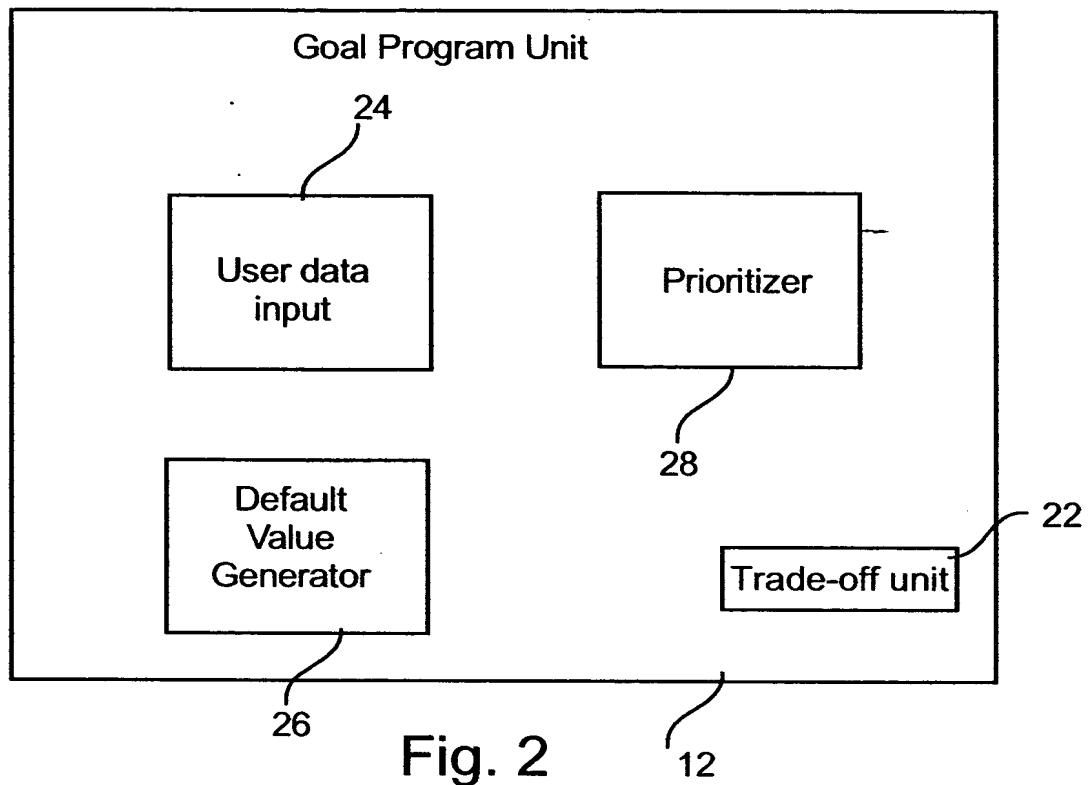


Fig. 1



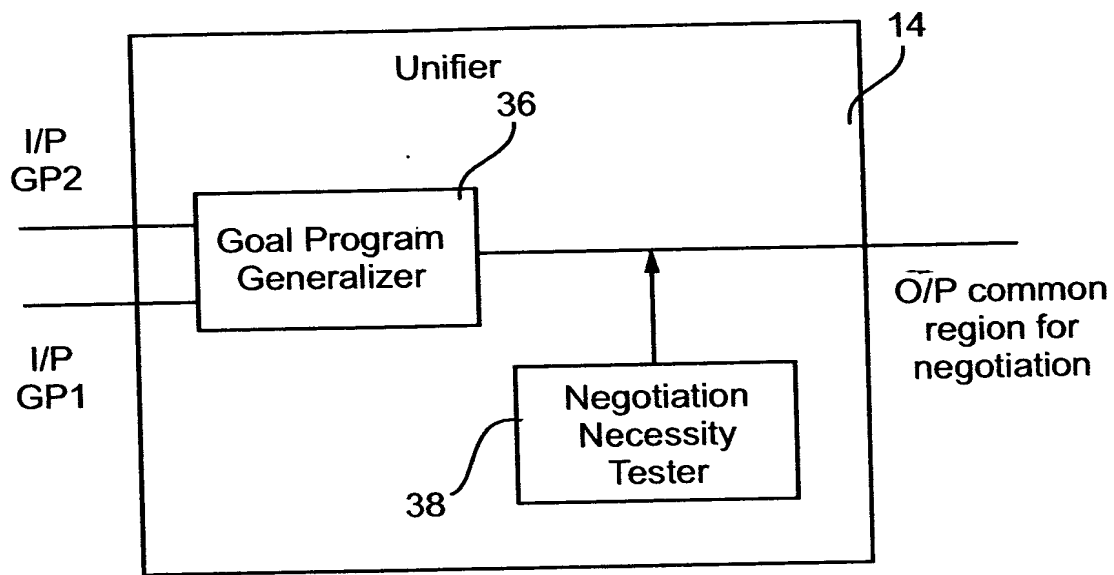


Fig. 4

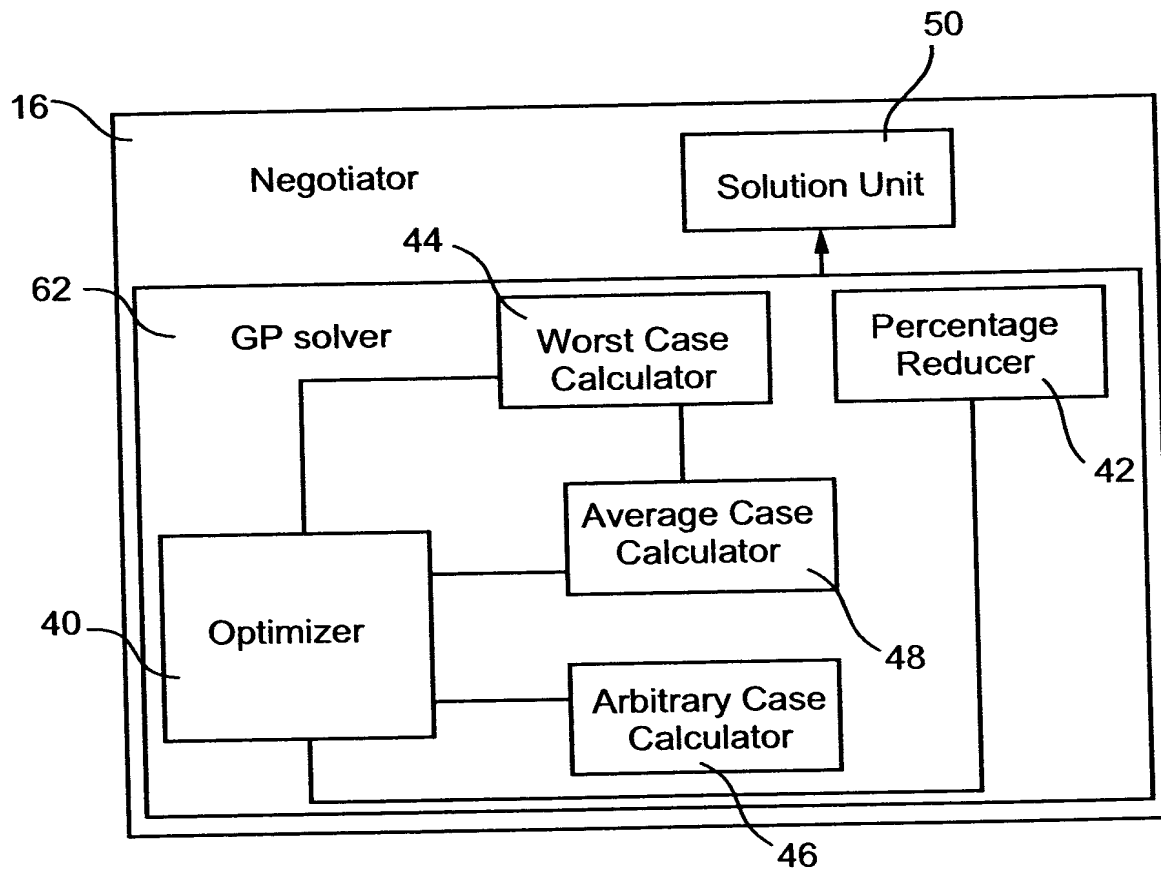


Fig. 5

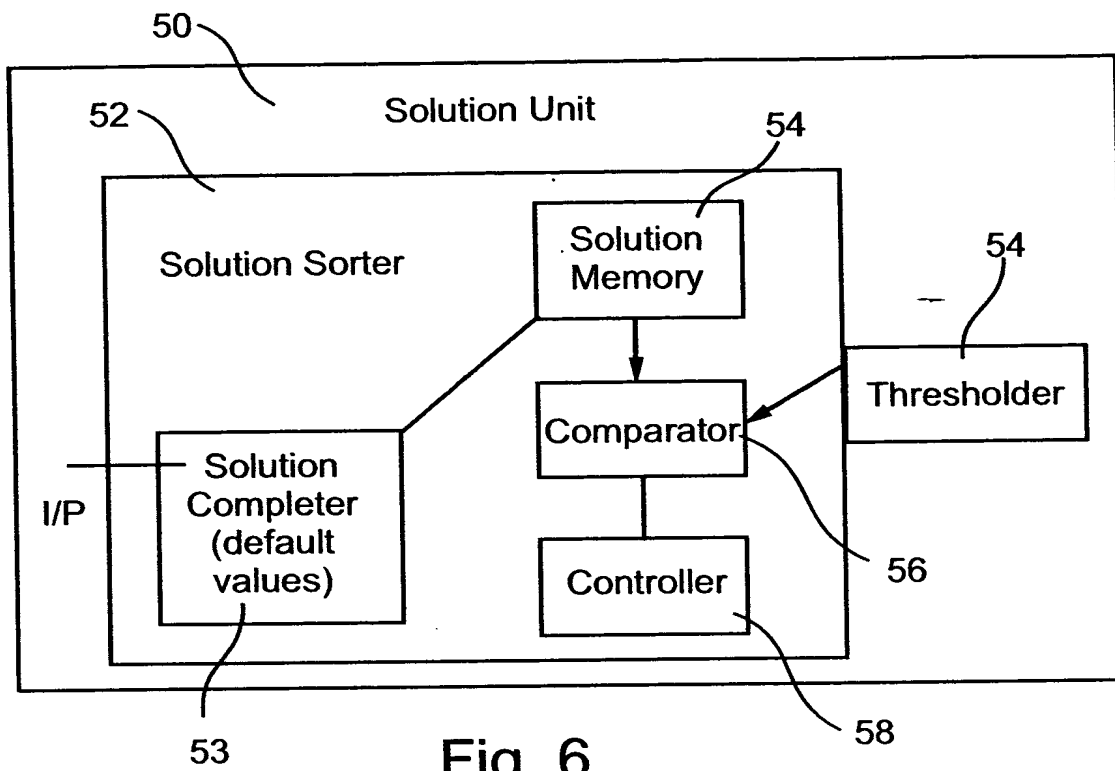


Fig. 6

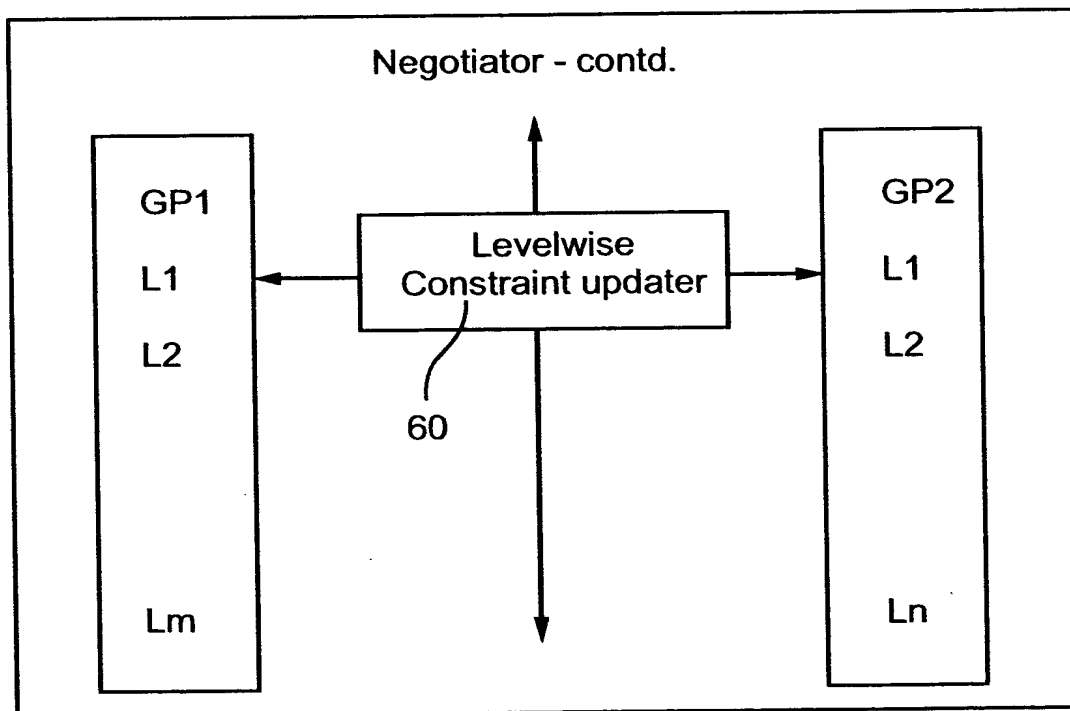


Fig. 7

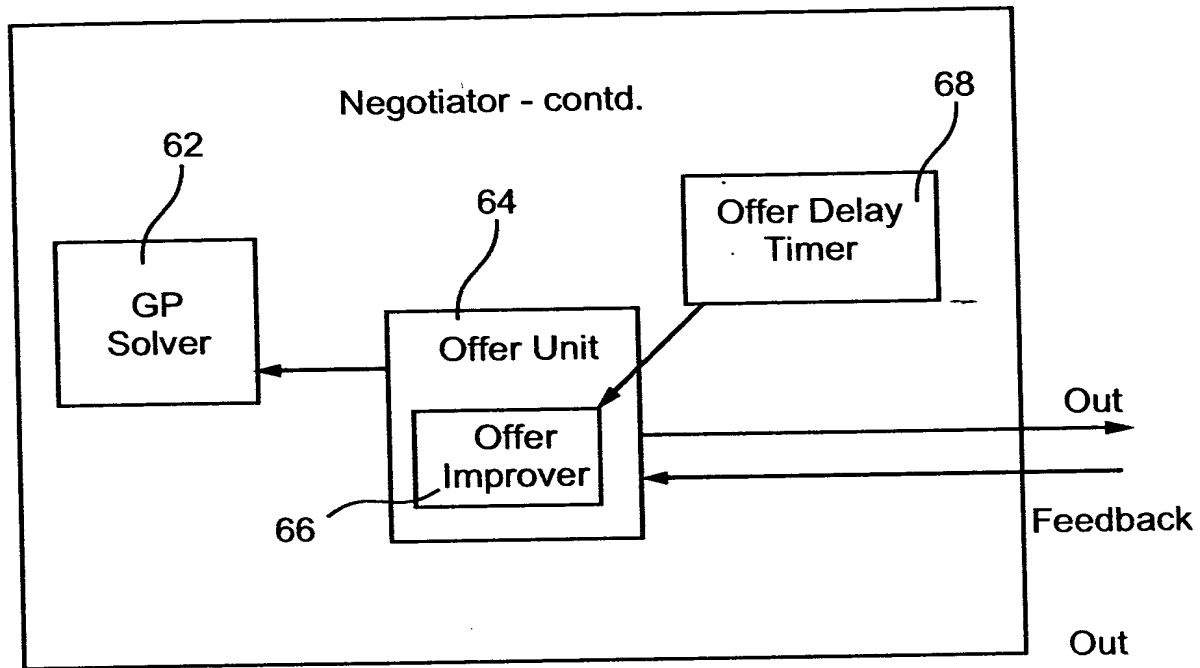


Fig. 8

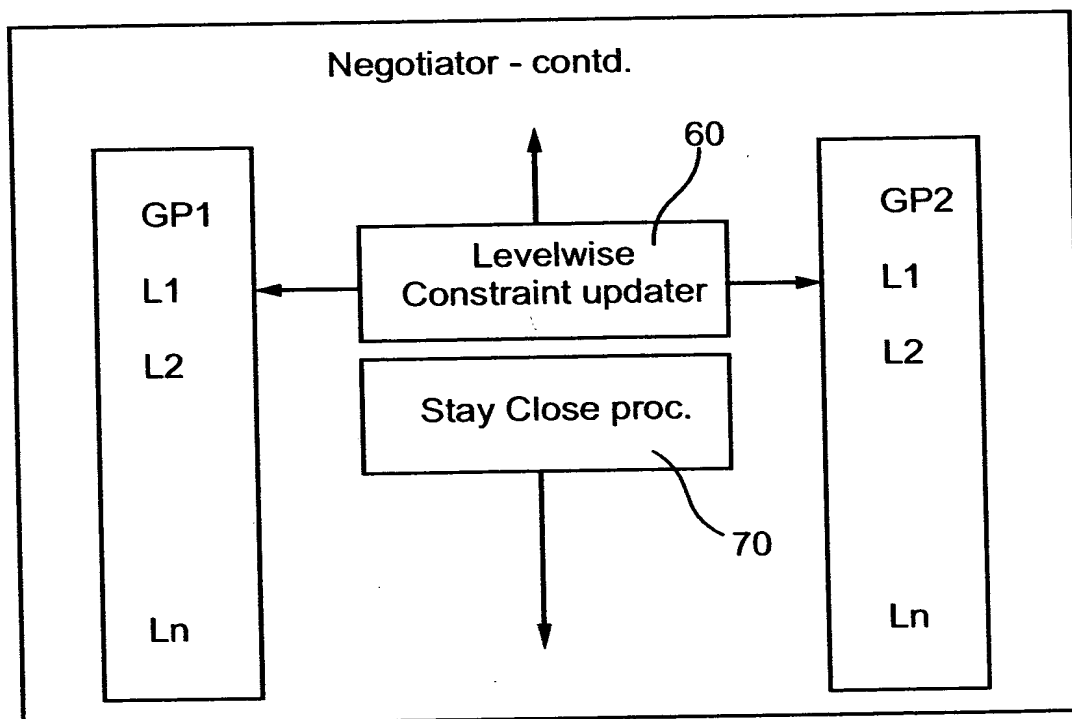


Fig. 9

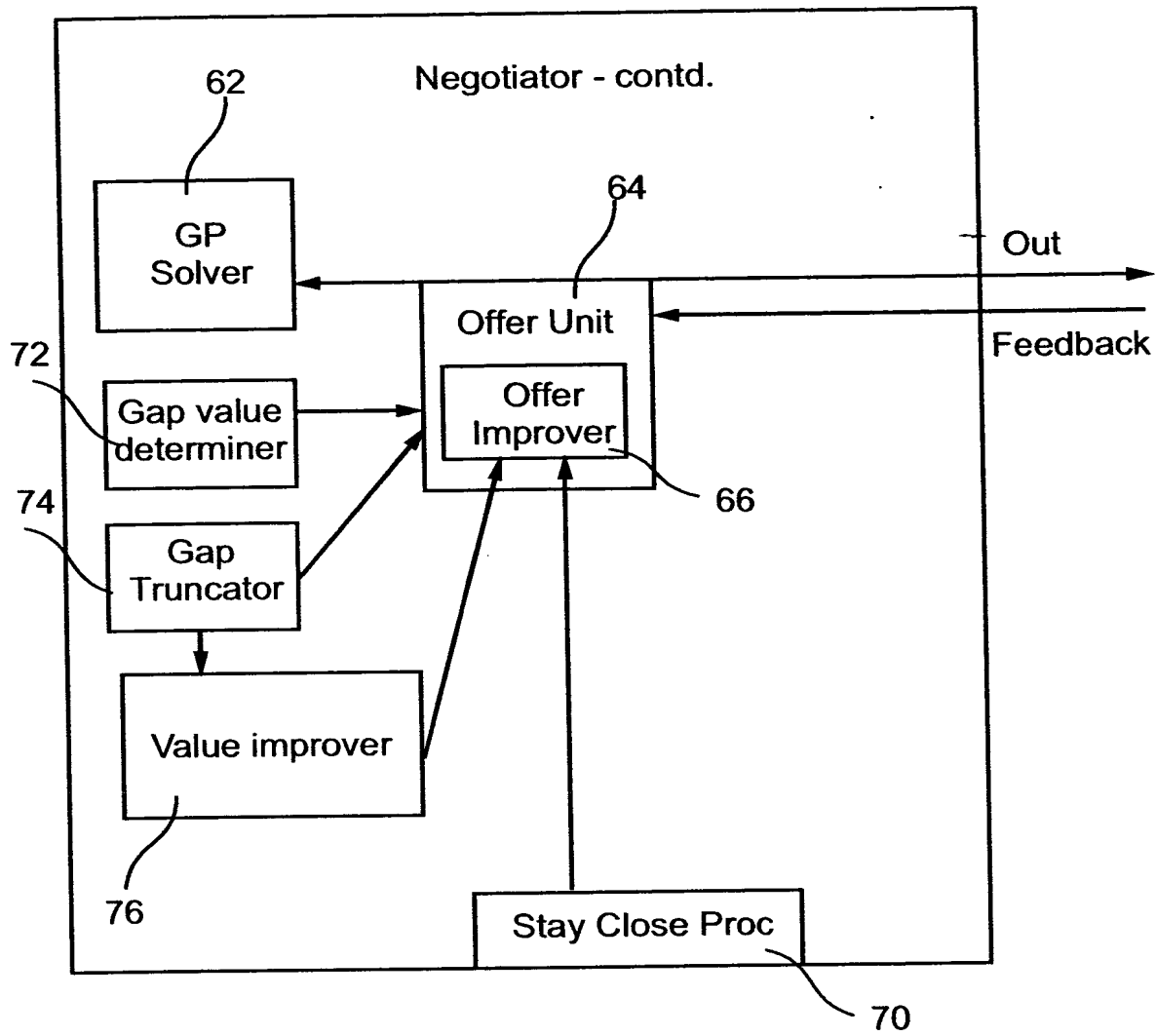


Fig. 10

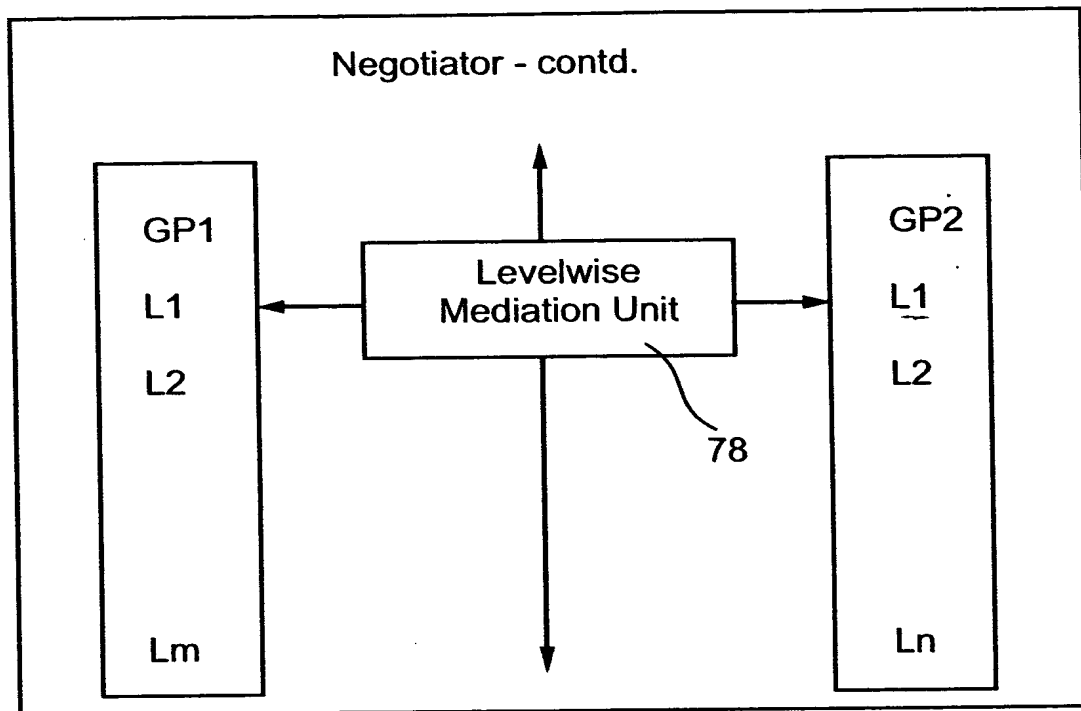


Fig. 11

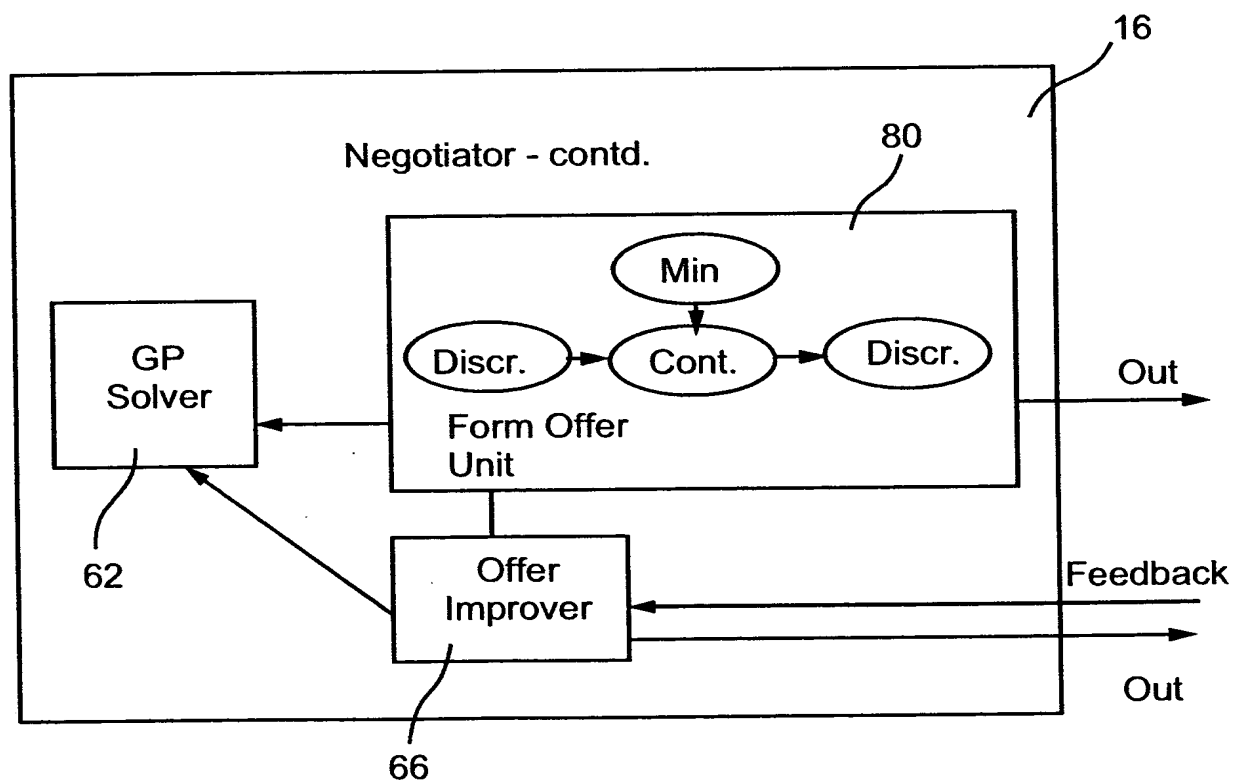


Fig. 12

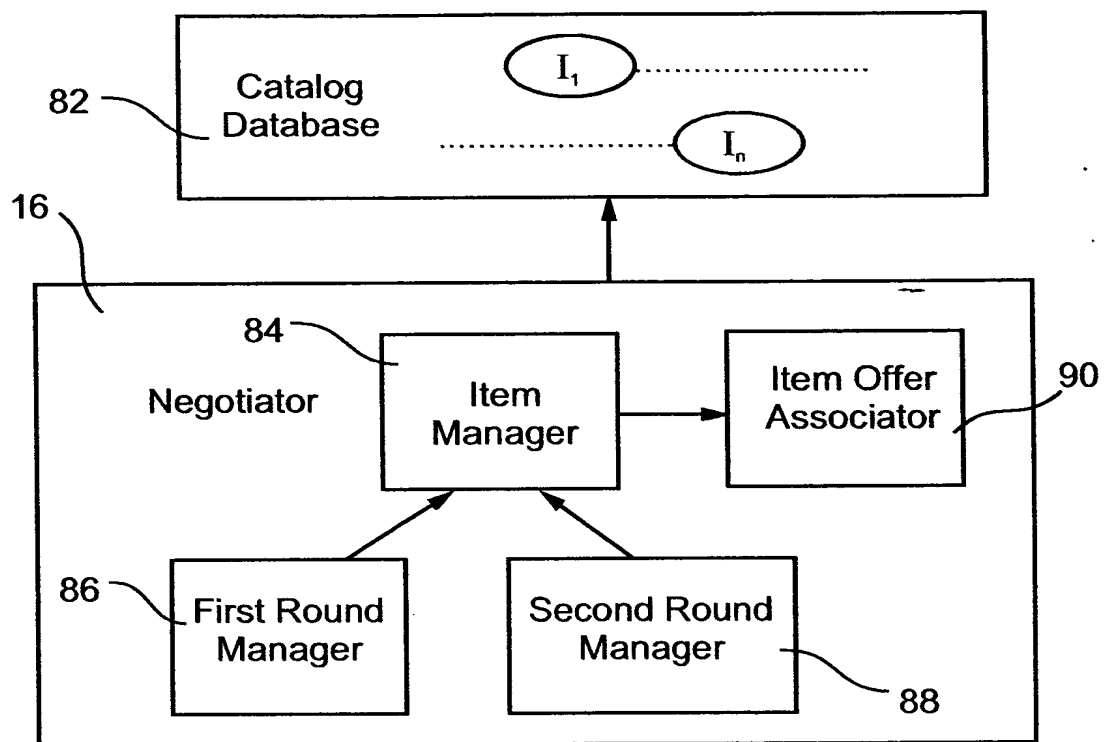


Fig. 13

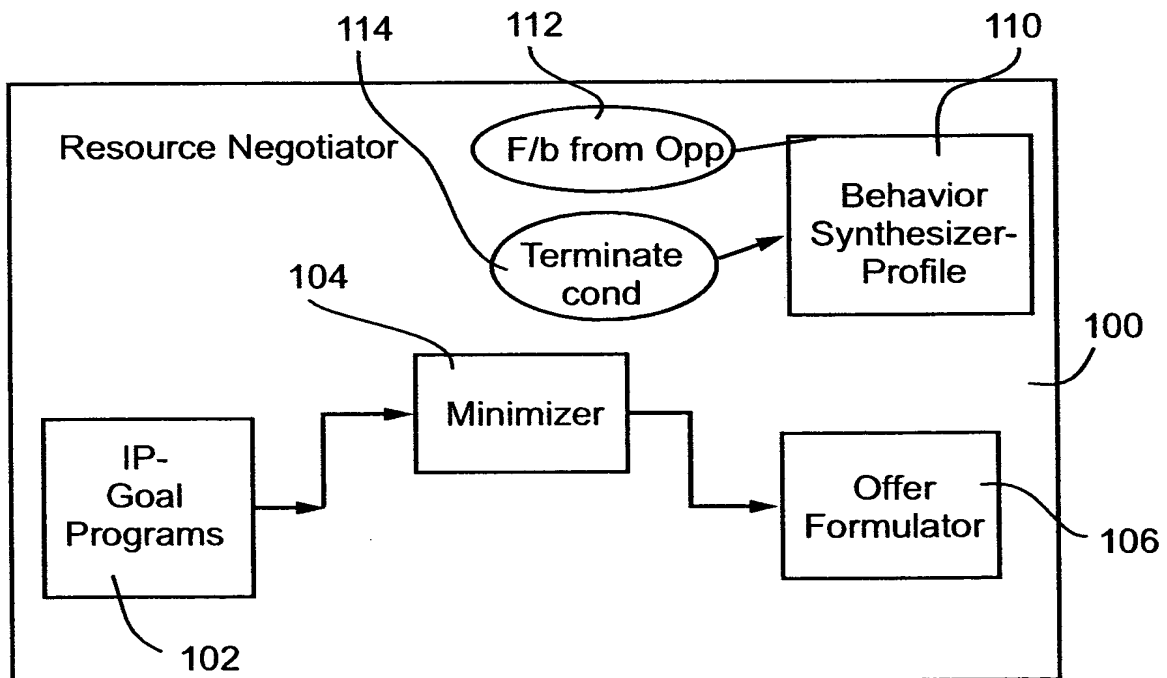


Fig. 14

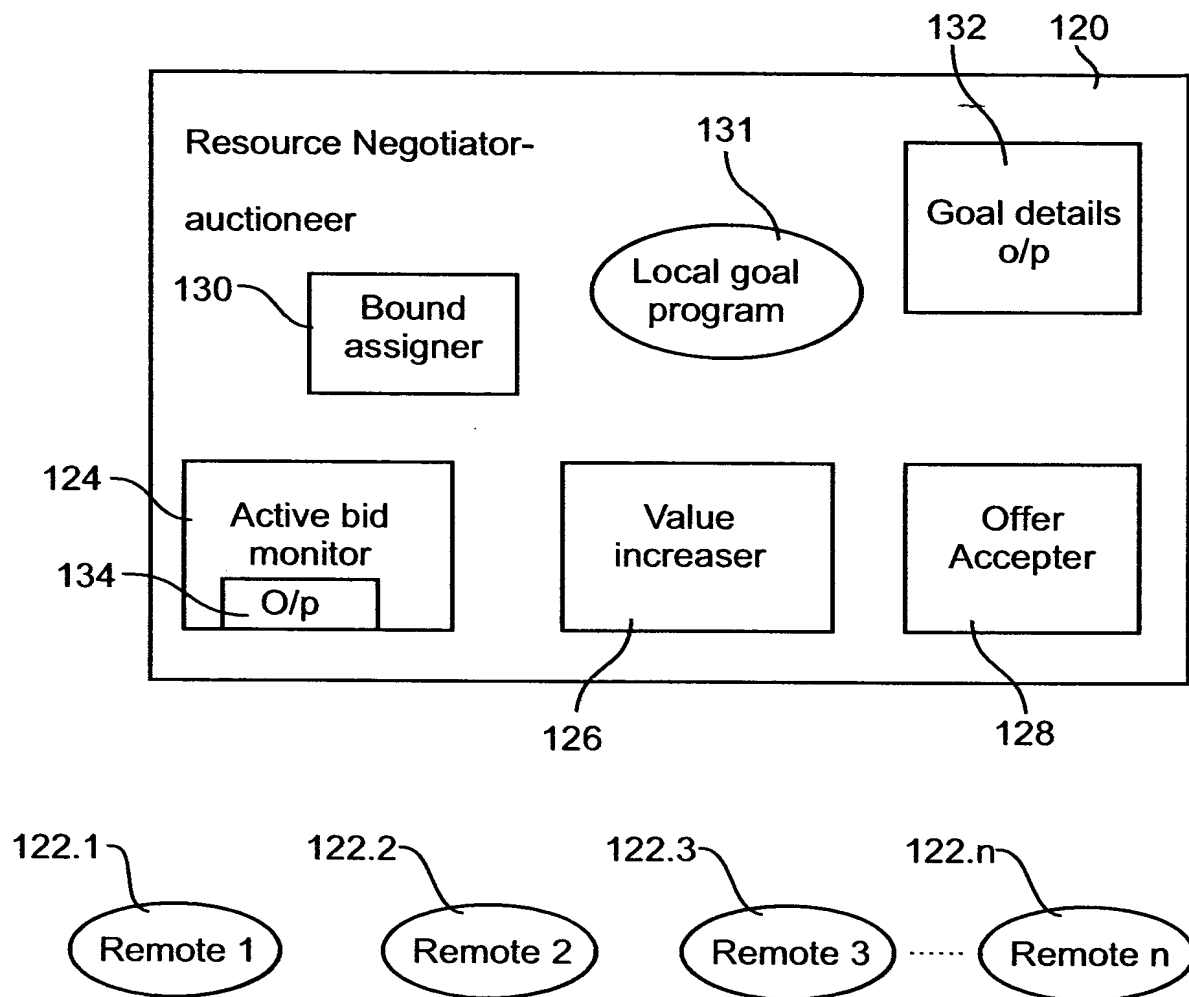


Fig. 15

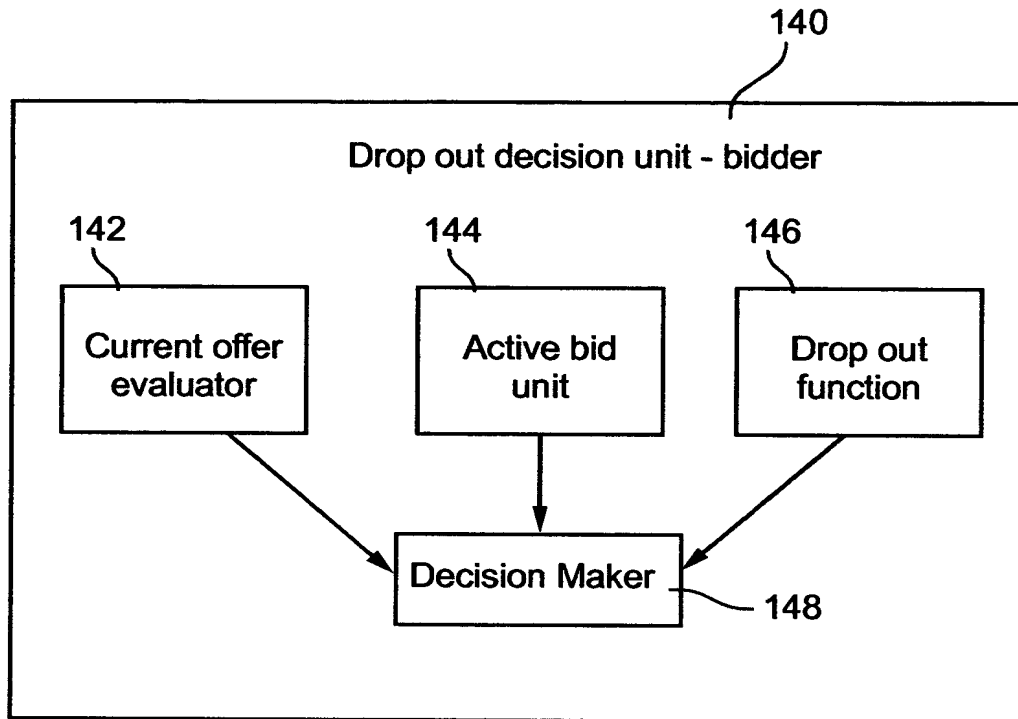


Fig. 16

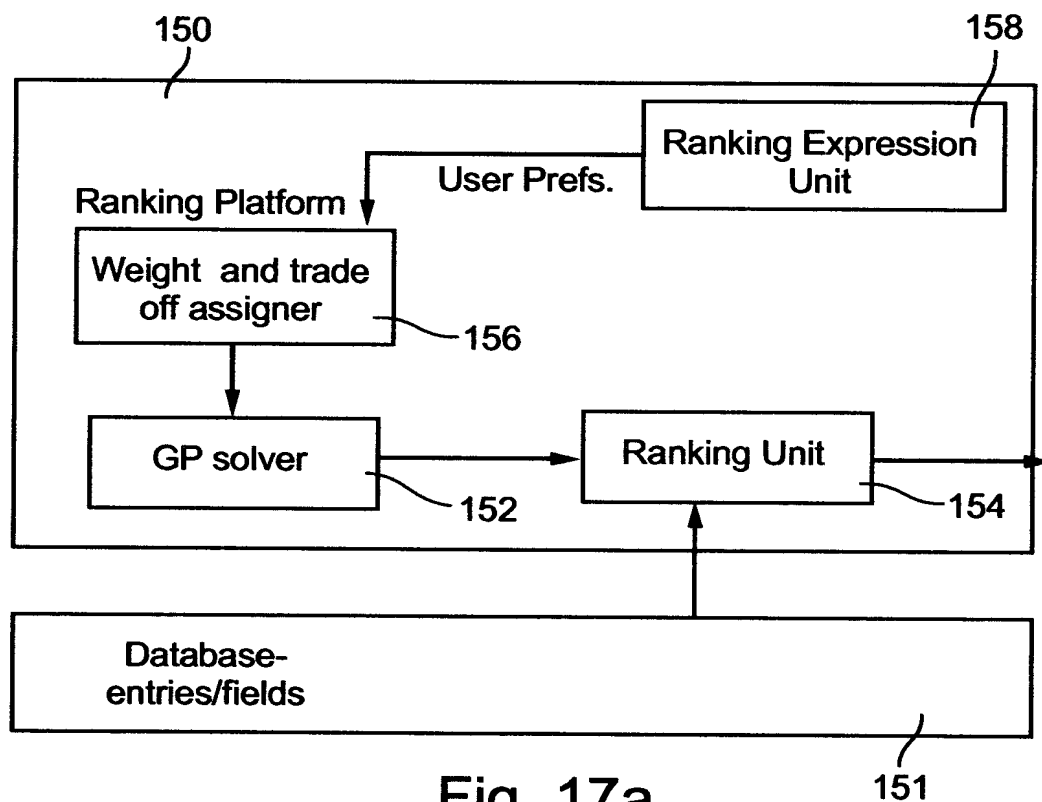


Fig. 17a

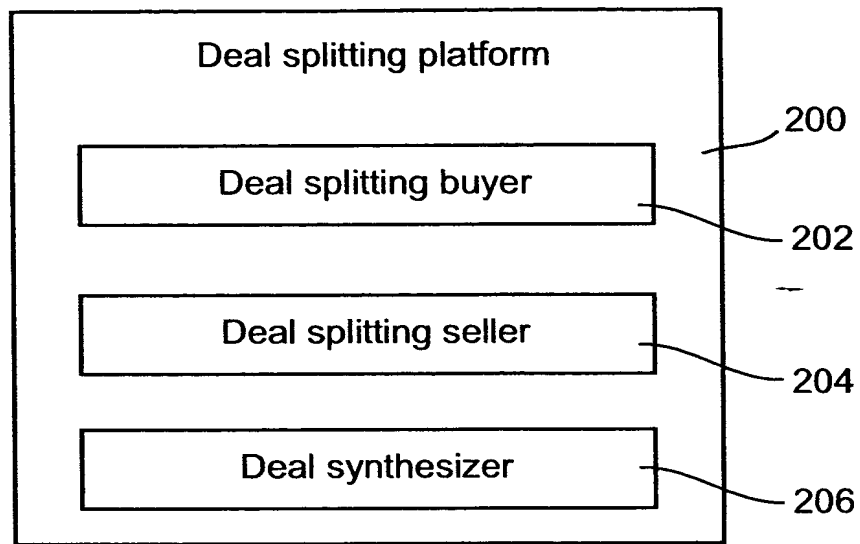


Fig. 17b

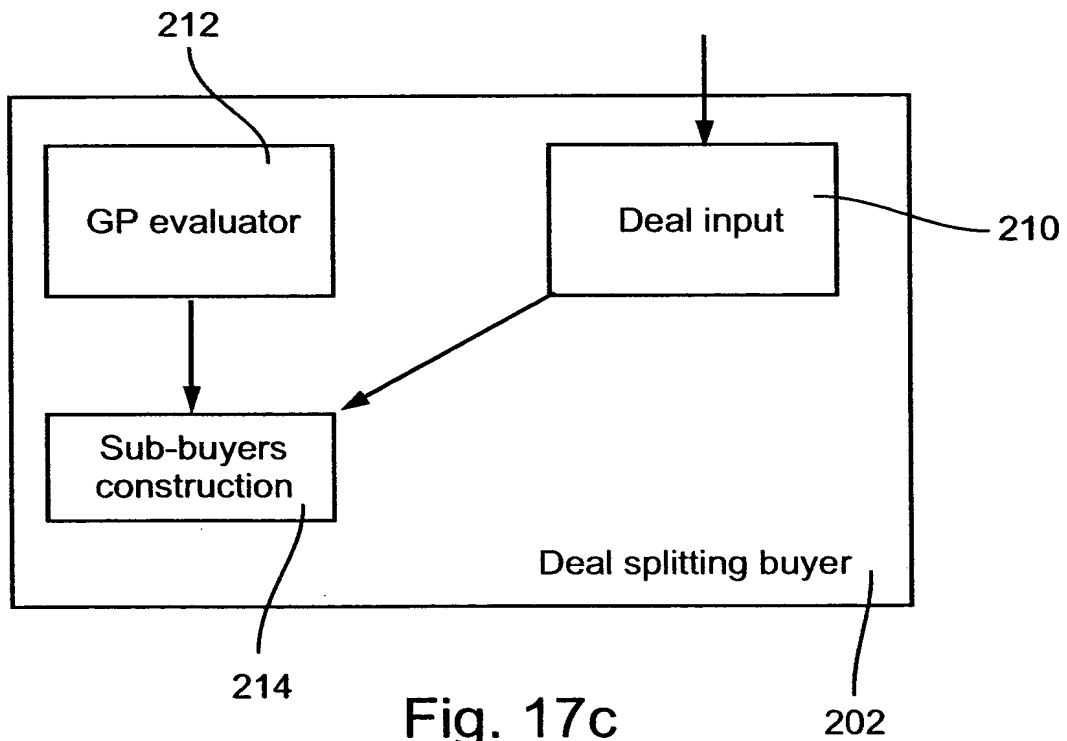


Fig. 17c

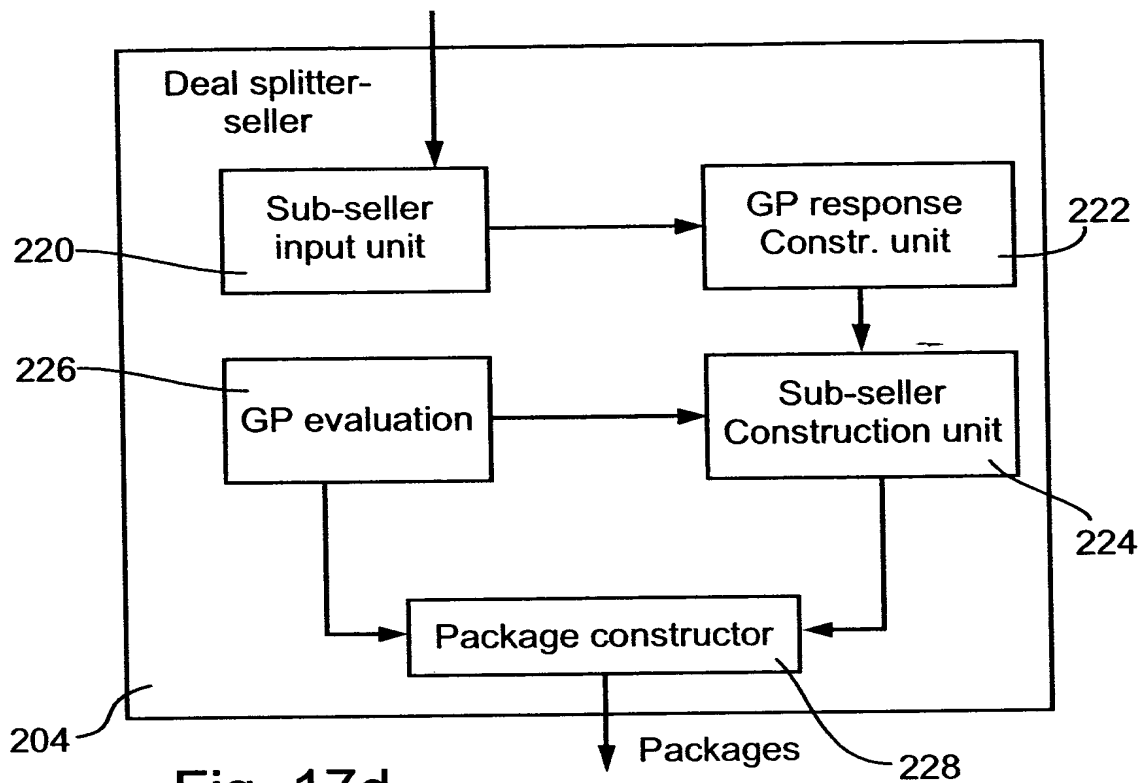


Fig. 17d

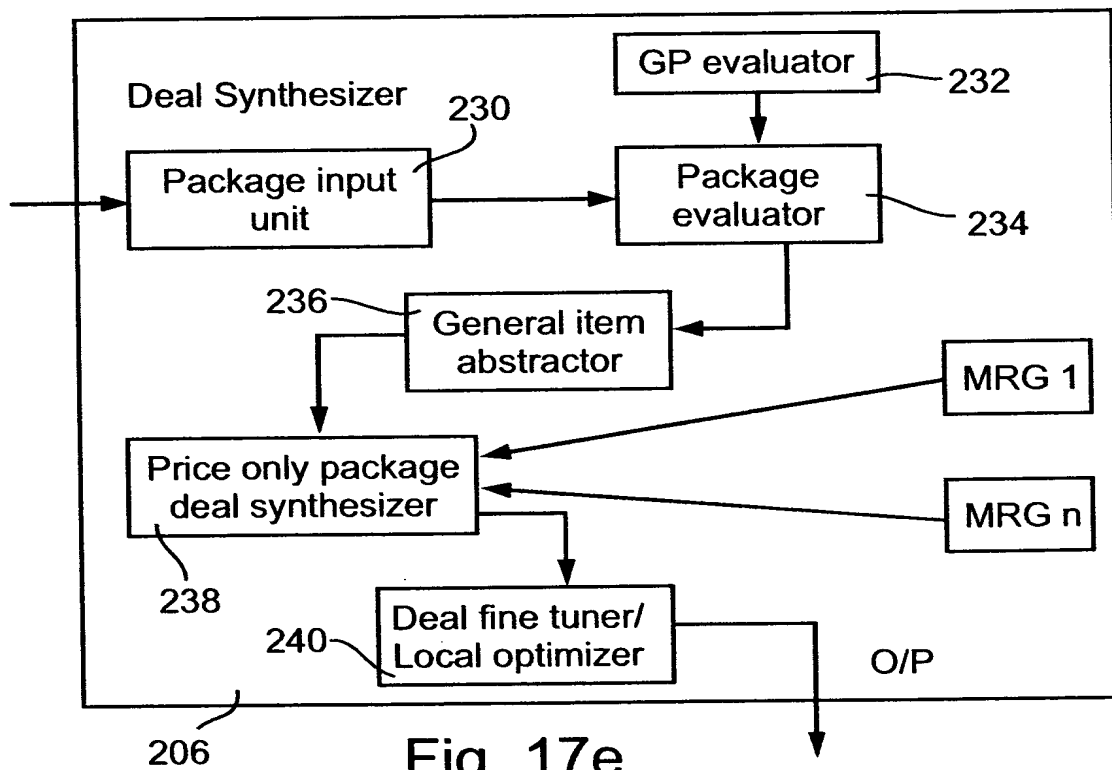
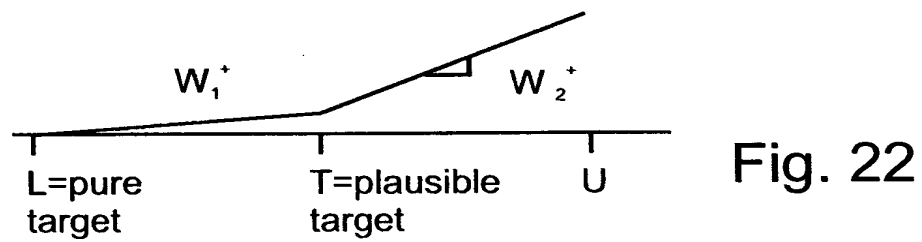
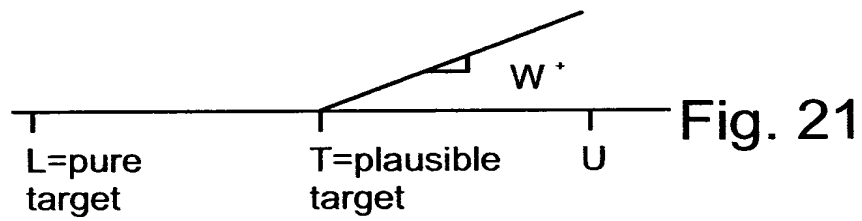
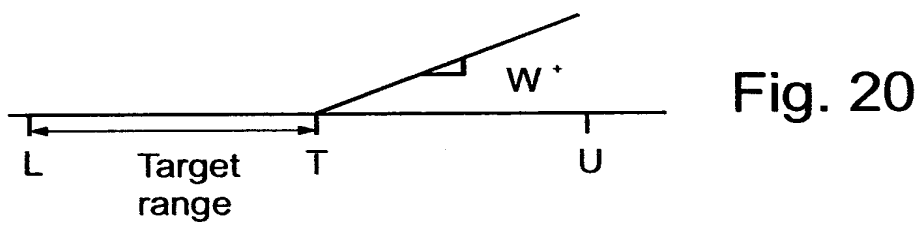
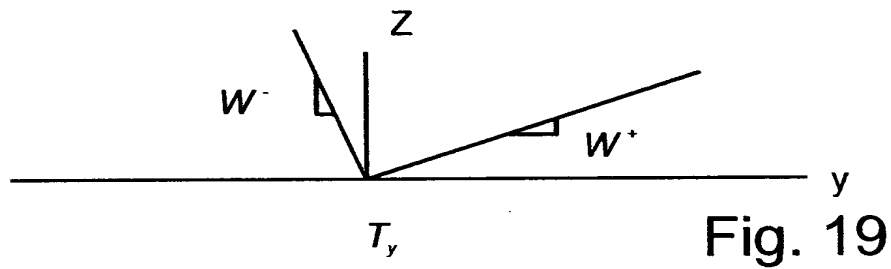
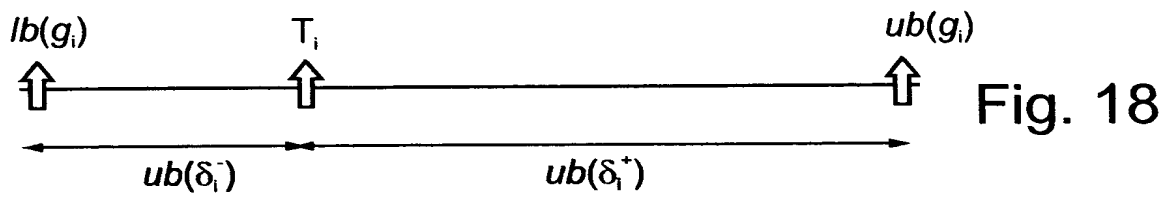


Fig. 17e



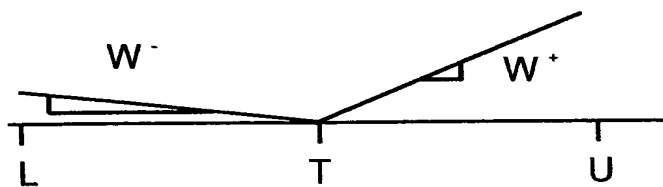


Fig. 23

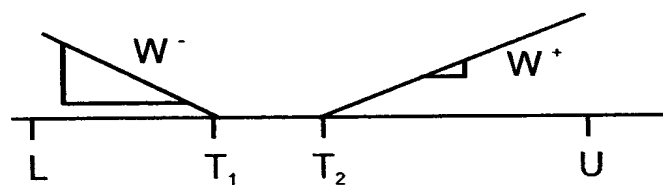


Fig. 24

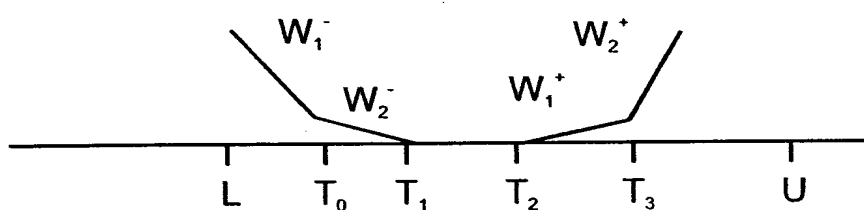


Fig. 25

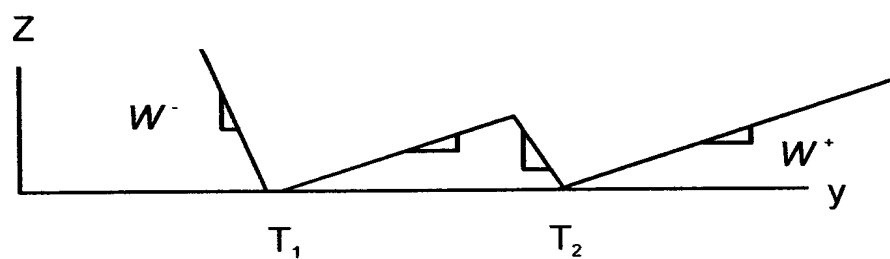


Fig. 26

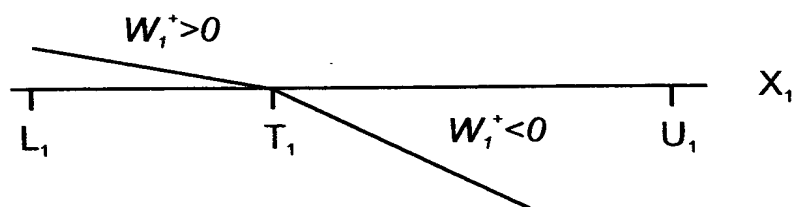


Fig. 27a

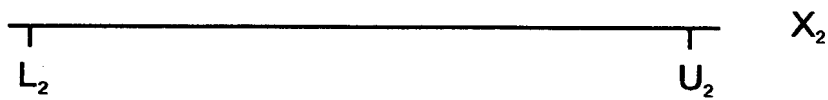


Fig. 27b

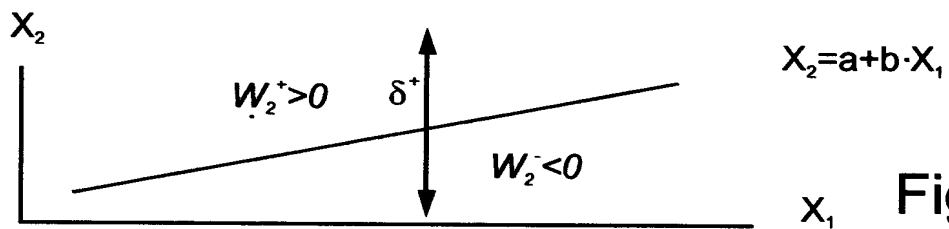


Fig. 27c

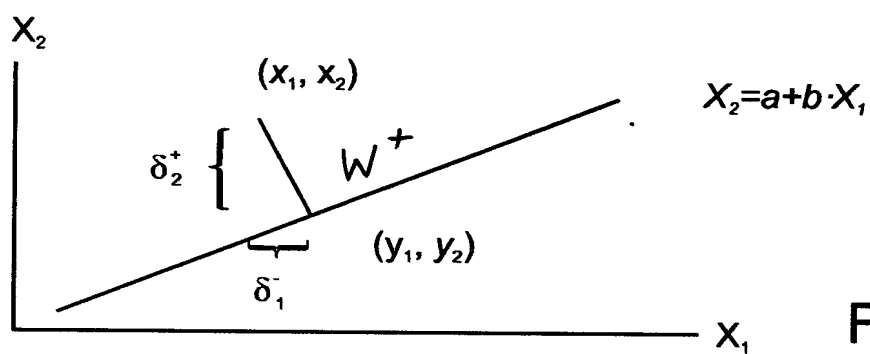


Fig. 27d

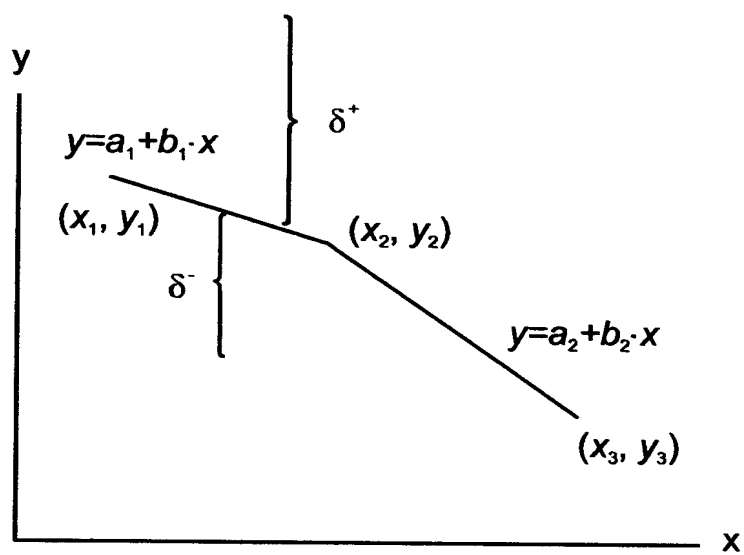


Fig. 28

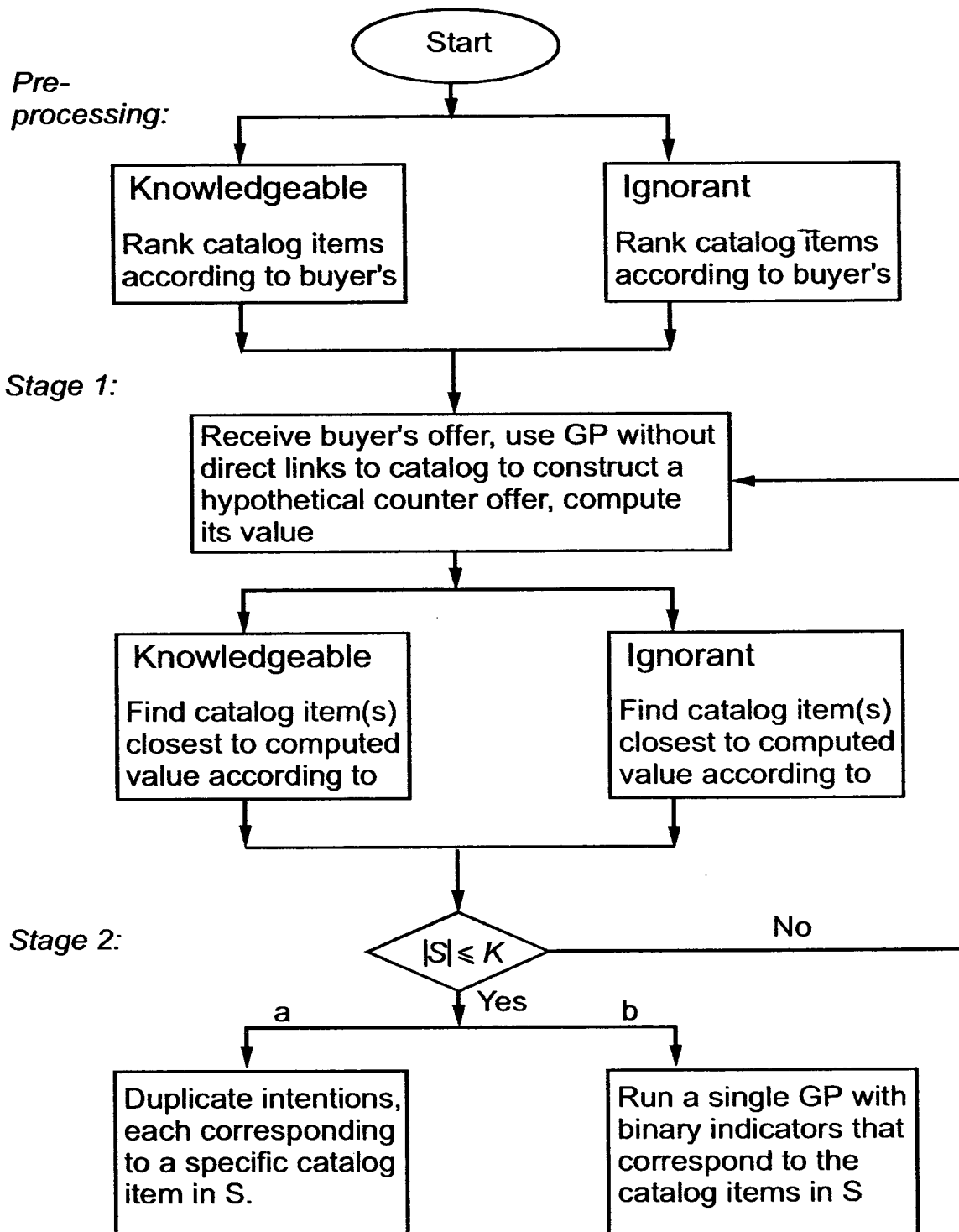


Fig. 29

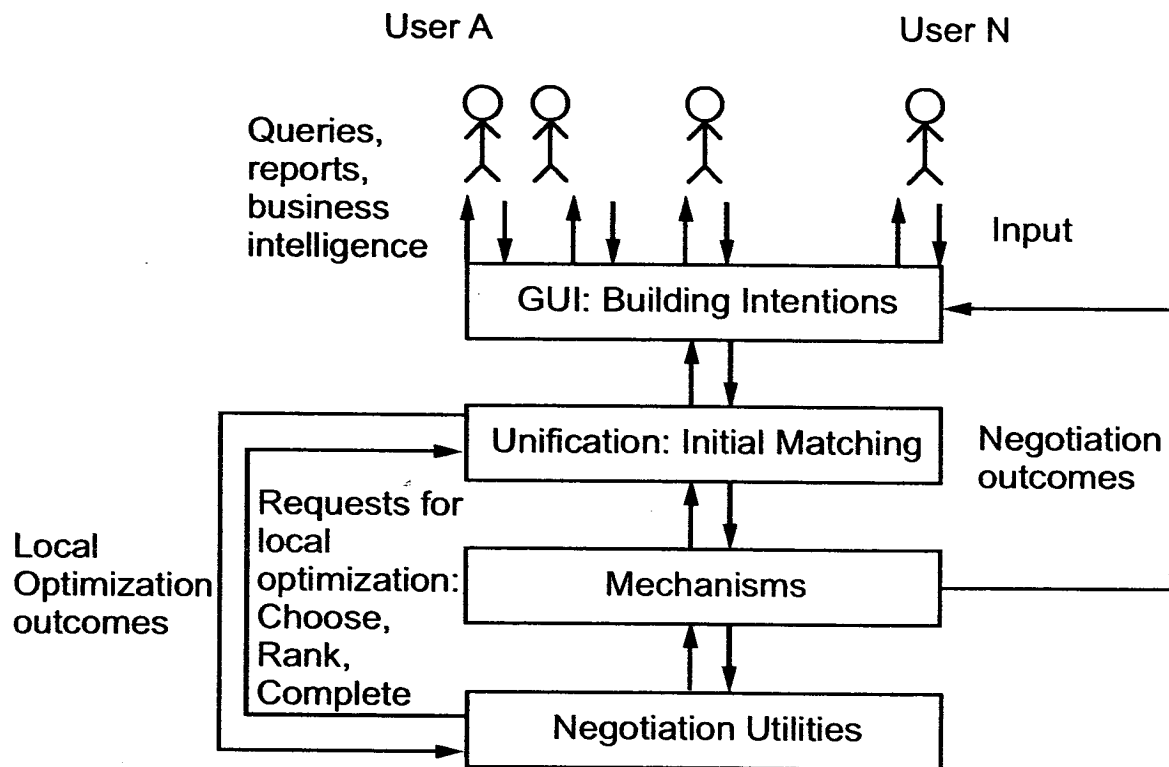


Fig. 30

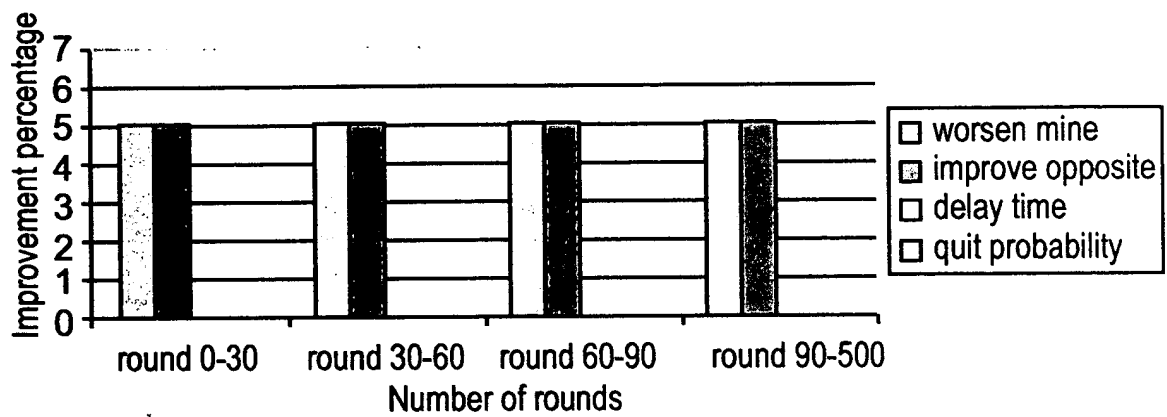


Fig. 31

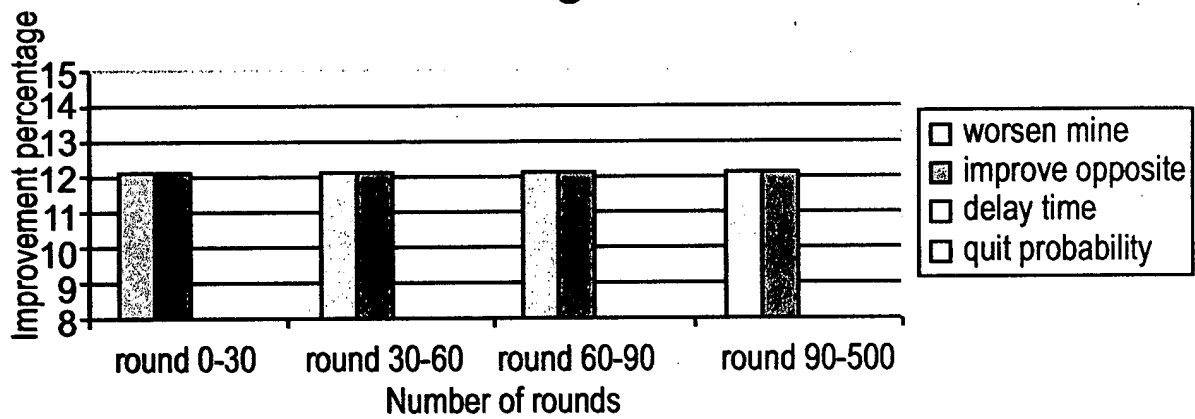


Fig. 32

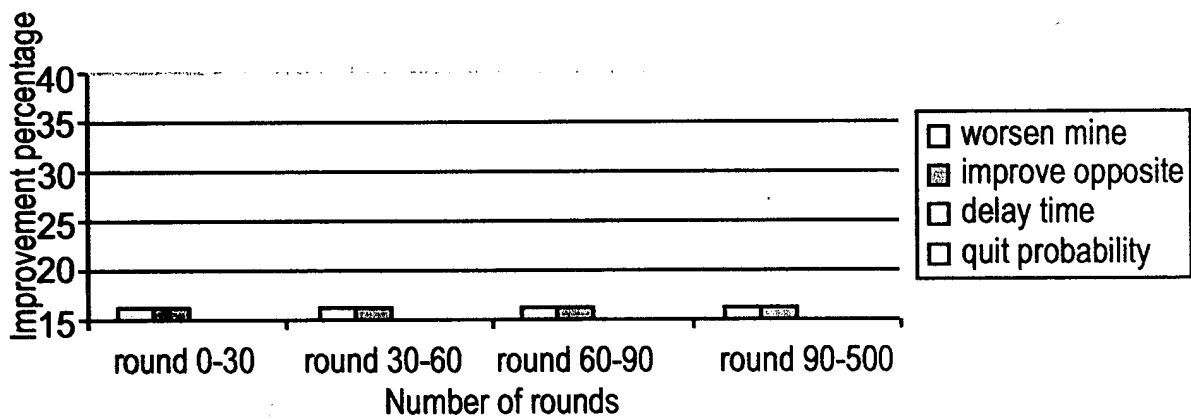


Fig. 33

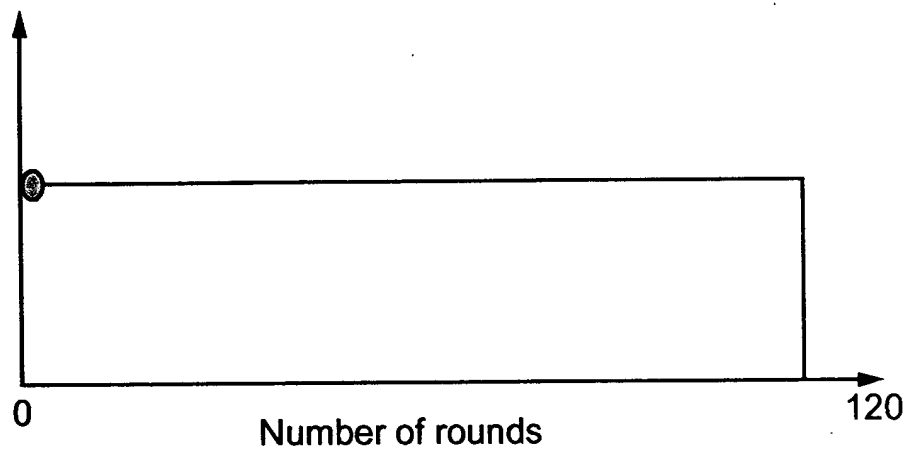


Fig. 34

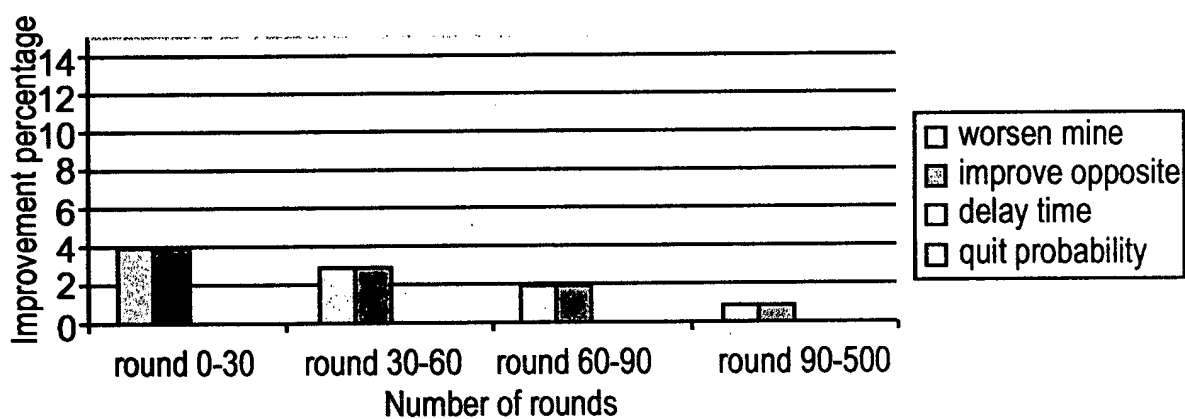


Fig. 35

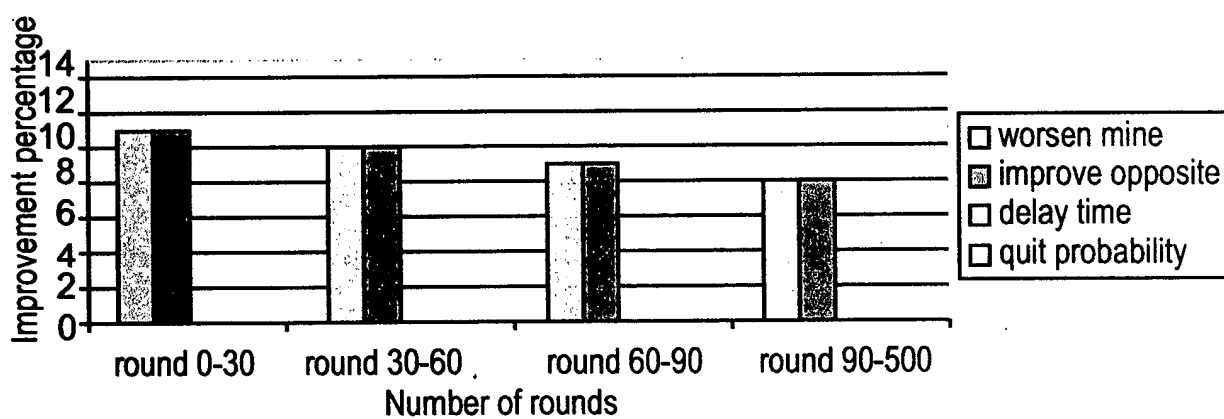


Fig. 36

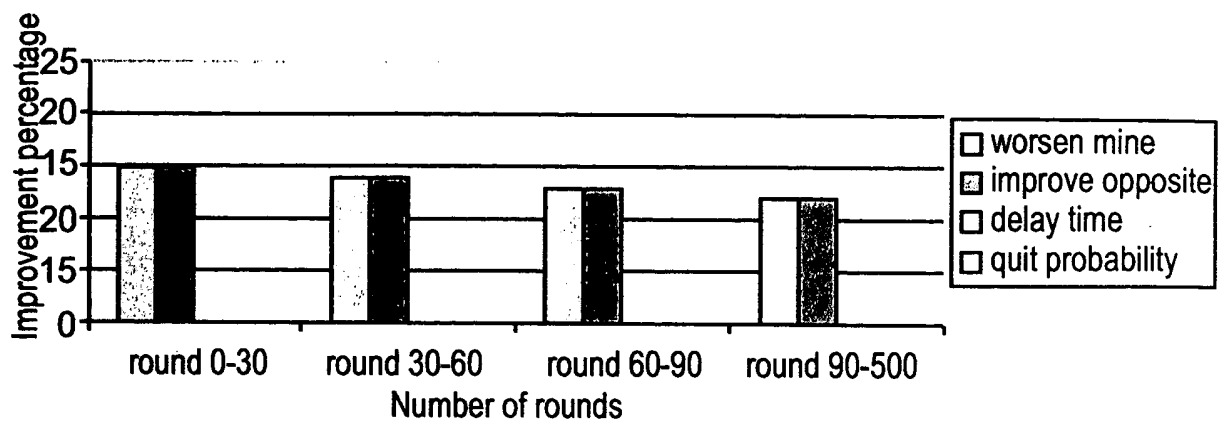


Fig. 37

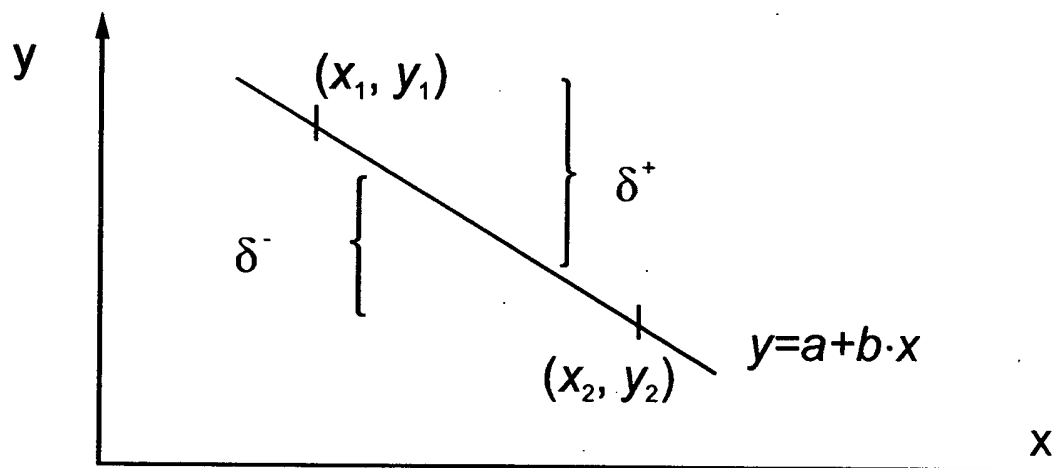


Fig. 38

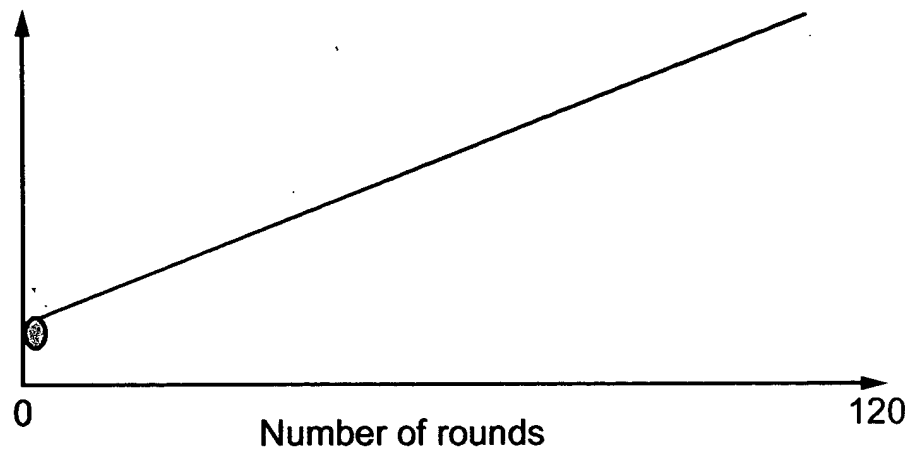


Fig. 39

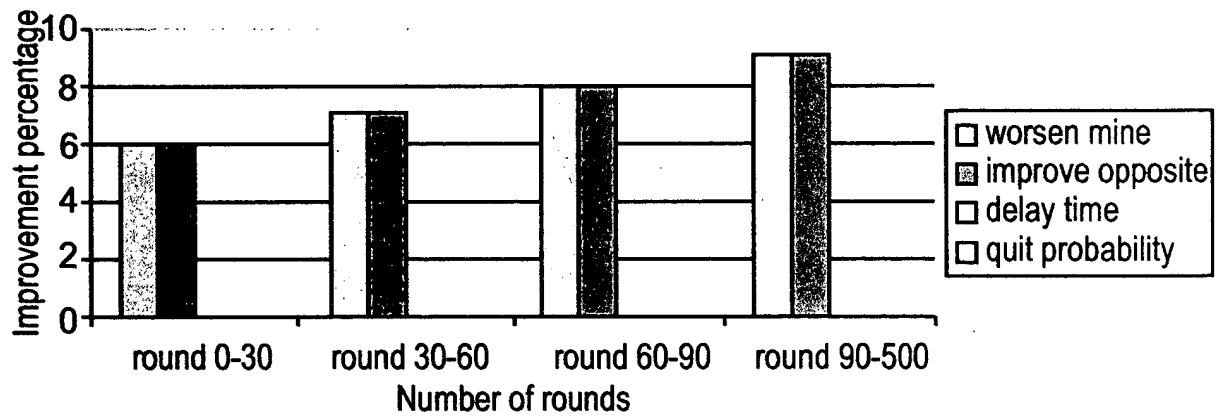


Fig. 40

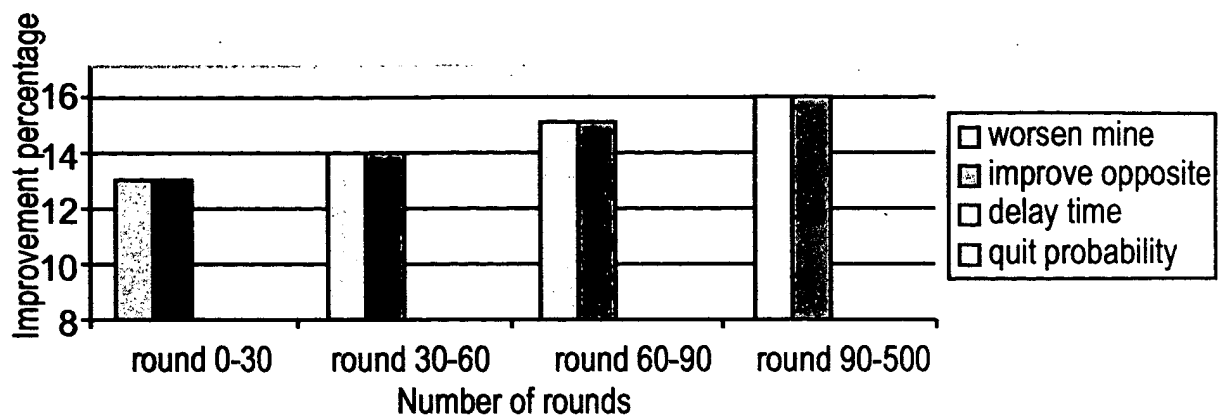


Fig. 41

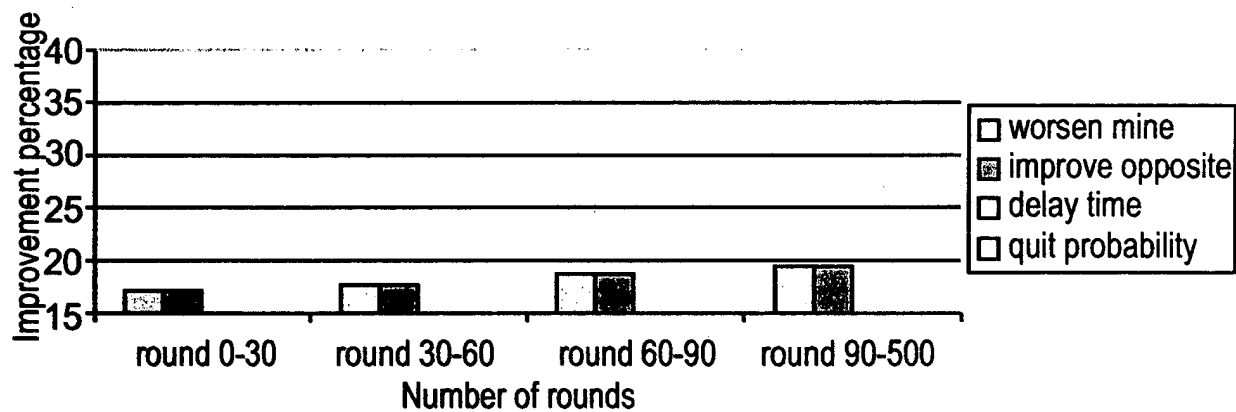


Fig. 42

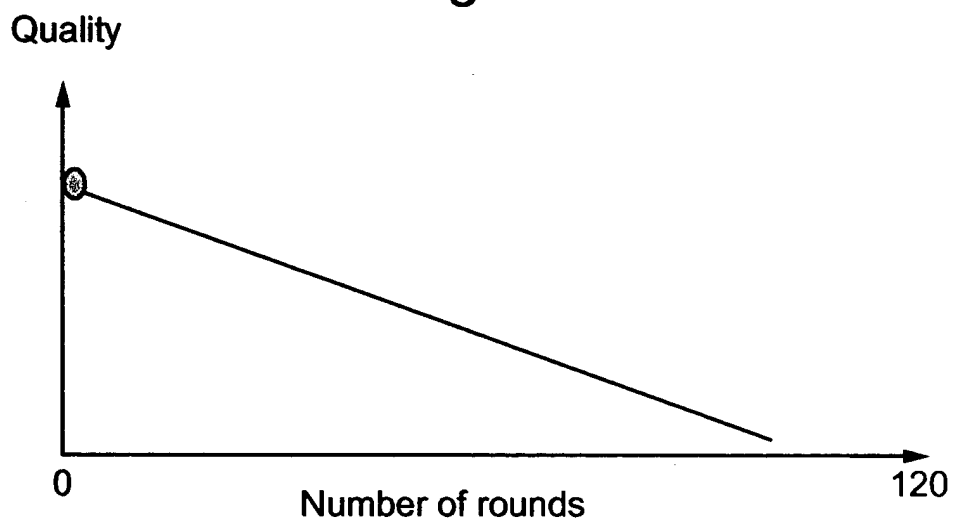


Fig. 43

Flights Table

Carrier	Origin	Destination	Stops	Class	Price	Departure	Arrival
AF	TLV	LHT	1	Economy	\$675.00	09:00 AM	12:25 PM
AF	TLV	LHT	1	Business	\$1,200.00	09:00 AM	12:25 PM
Alitalia	TLV	LHT	2	Economy	\$550.00	06:30 AM	02:00 PM
Alitalia	TLV	LHT	2	Business	\$922.00	06:30 AM	02:00 PM
BA	TLV	LHT	0	Economy	\$725.00	08:00 AM	11:00 AM
BA	TLV	LHT	0	Business	\$1,200.00	08:00 AM	11:00 AM
Lufthansa	TLV	LHT	1	Economy	\$550.00	06:00 AM	01:00 PM
Lufthansa	TLV	LHT	1	Business	\$875.00	06:00 AM	01:00 PM
LY	TLV	LHT	0	Economy	\$530.00	07:00 AM	10:15 AM
LY	TLV	LHT	0	Business	\$900.00	07:00 AM	10:15 AM
Swiss Air	TLV	LHT	1	Economy	\$700.00	08:10 AM	01:30 PM
Swiss Air	TLV	LHT	1	Business	\$1,165.00	08:10 AM	01:30 PM

Fig. 44

Hotel	City	Distance	Pool	Room	Price	CheckIn	CheckOut
FourPoints	London	10	Y	Suite	\$155.00	03:00 PM	12:00 PM
Hyatt	London	18	N	Regular	\$328.00	01:00 PM	11:30 AM
Merridian	London	3	N	Regular	\$350.00	03:00 PM	11:00 AM
Park Lane	London	6	N	KingSize	\$222.00	02:00 PM	12:00 PM
Ritz	London	5	Y	Double	\$250.00	02:00 PM	11:00 AM
Sheraton	London	15	Y	Suite	\$150.00	03:00 PM	12:00 PM
Westin	London	12	Y	Double	\$235.00	03:00 PM	12:00 PM

Fig. 45

	A	B	C	D	E	F	G	H
	Company	Pick Up	Return	Class	Price			
2	Avis	Airport	Airport	D	\$42.00			
3	Avis	City	City	D	\$35.00			
4	Avis	Hotel	Hotel	D	\$60.00			
5	Budget	Airport	Airport	D	\$18.00			
6	Budget	City	City	D	\$21.00			
7	Hertz	Airport	Airport	D	\$17.00			
8	Hertz	City	City	D	\$30.00			
9	Hertz	Hotel	Hotel	D	\$65.00			
10	One	Airport	Airport	D	\$22.00			
11	One	City	City	D	\$26.00			
12	Sixth	Airport	Airport	D	\$19.00			
13	Sixth	City	City	D	\$24.00			
14								
15								
16								
17								
18								
19								

Fig. 46

	A	B	C	D	E	F	G	H
	Carrier	Origin	Destination	Stops	Class	Price	Departure	Arrival
2	AF	TLV	LHT	1	Economy	\$675.00	09:00 AM	12:25 PM
3	AF	TLV	LHT	1	Business	\$1,200.00	09:00 AM	12:25 PM
4	Alitalia	TLV	LHT	2	Economy	\$550.00	06:30 AM	02:00 PM
5	Alitalia	TLV	LHT	2	Business	\$880.00	06:30 AM	02:00 PM
6	BA	TLV	L					11:00 AM
7	BA	TLV	L					11:00 AM
8	Lufthansa	TLV	L					01:00 PM
9	Lufthansa	TLV	L					01:00 PM
10	LY	TLV	L					10:15 AM
11	LY	TLV	L					10:15 AM
12	Swiss Air	TLV	L					01:30 PM
13	Swiss Air	TLV	L					01:30 PM
14								
15								
16								
17								
18								
19								

Ranking Function

Function Name:

Function Type:

Constraints & Preferences:

Table: 2 of 4

Attribute:

Constraint Expression:

Preference Expression:

Importance:

Direction - (0 to 1): Direction - (0 to 1):

Buttons: [New] [Next] [Previous] [Delete] [Close]

Fig. 47

Company									
Company	Pick Up	Return	Class	Price					
Avis	Airport	Airport	D	\$42.00					
Avis	City	City	D	\$35.00					
Avis	Hotel	Hotel	D	\$60.00					
Budget	Airport	Airport	D						
Budget	City	City	D						
Hertz	Airport	Airport	D						
Hertz	City	City	D						
Hertz	Hotel	Hotel	D						
One	Airport	Airport	D						
One	City	City	D						
Sixth	Airport	Airport	D						
Sixth	City	City	D						

Function Name	Vacation						
Function Type	MDN						
Conditions & Parameters	Conditions & Parameters						
Topic	Car Rental						
Address	Pickup						
Parameters List	<table> <tr><td>Airport</td><td>1.0</td></tr> <tr><td>Train Station</td><td>0.8</td></tr> <tr><td>Hotel</td><td>0.5</td></tr> </table>	Airport	1.0	Train Station	0.8	Hotel	0.5
Airport	1.0						
Train Station	0.8						
Hotel	0.5						
Importance	3						
1 to 7							

Fig. 48

Carrier									
Carrier	Origin	Destination	Stops	Class	Price	Departure	Arrival		
AF	TLV	LHT	1	Economy	\$675.00	09:00 AM	12:25 PM		
AF	TLV	LHT	1	Business	\$1,000.00	09:00 AM	12:25 PM		
Alit									
Alit									
BA									
BA									
Luf									
Luf									
LY									
LY									
Sw									
Sw									

Function Name	Vacation
Function Type	MDN
Stops Tradeoffs	Expression tradeoffs
For	Flights
Of	0
I expect	Flights
To be	1000
Price	
Stops	
For	Flights
Of	1
I expect	Flights
To be	900
Price	
Stops	
When	
Range	0.3
Range	\$0. \$2000
Importance	3
1 to 7	
Deviation + (0 to 1)	0.8
Deviation - (0 to 1)	0.2

Fig. 49

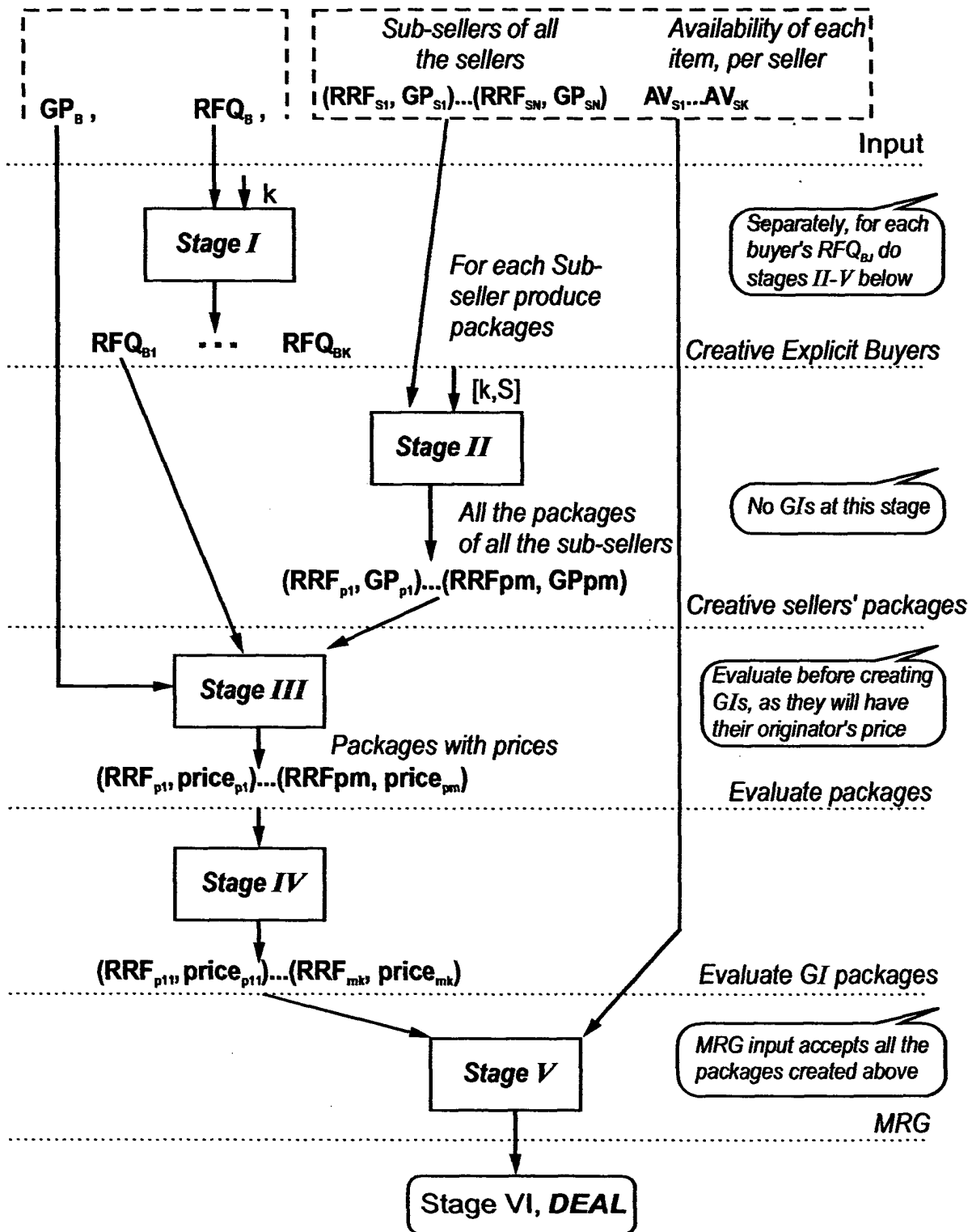


Fig. 50